

**WHAT IS CLAIMED IS:**

1        1. In a process for transmitting a facsimile message from a transmitting  
2        facsimile machine to a receiving facsimile machine, a subprocess for informing the  
3        transmitting facsimile machine of error occurrence at a first receiving facsimile  
4        machine, said subprocess comprising the steps of:

(1) inputting a telephone number of a second receiving facsimile when an error occurs at said first receiving facsimile machine while said first receiving facsimile machine receives said facsimile message;

(2) when a ring signal is input from said transmitting facsimile machine, forming a communication line, exchanging protocols of said transmitting facsimile machine and of said first receiving facsimile machine and storing a telephone number of said transmitting facsimile machine among said protocols received from the transmitting facsimile machine;

(3) printing said fax data received from said transmitting facsimile machine and simultaneously checking whether an error occurs;

(4) when an error occurs, detecting an error message corresponding to said error from a pre-stored error table and storing said error message;

17           (5) when said communication line is cut off from said transmitting facsimile  
18        machine due to said error occurrence, detecting said telephone number of said  
19        transmitting facsimile machine and forming a communication line therewith; and

20           (6) when said communication line with said transmitting facsimile machine is  
21        formed, transmitting error information occurring at said receiving facsimile machine.

2. The process of claim 1, wherein said error information includes at least said telephone number of said second receiving facsimile machine and said error message.

3. The process of claim 2, wherein, before said communication line with said transmitting facsimile machine is cut off, said telephone number of said second receiving facsimile machine and said error message are stored in an error buffer.

4. The process of claim 1, further comprising the step of converting said error information into bit map data when said telephone number of said transmitting facsimile machine is detected and said communication line is formed.

5. The process of claim 1, wherein said error information of said facsimile

2 message is printed in said facsimile message.

1           6. The process of claim 1, wherein said error table is a look-up table including  
2 error messages respectively corresponding to at least one error that may occur in said  
3 facsimile message.

4           7. In a facsimile transmitting apparatus adapted for transmitting a facsimile  
message to a first facsimile receiving machine, said facsimile transmitting apparatus  
comprising:

5           a scanner for reading a document;

6           means for transmitting and receiving information;

7           means for exchanging protocols with said first facsimile receiving machine;

8           and

9           a printer;

10          *the improvement comprising:* an informing means for furnishing information  
concerning error occurrence, to the facsimile transmitting apparatus.

11          8. The apparatus of claim 7, wherein the informing means comprises means

2 for furnishing the facsimile transmitting apparatus with information concerning  
3 contents of an error occurring at the first facsimile receiving machine, and a telephone  
4 number of a second facsimile receiving machine that is capable of receiving the  
5 facsimile message in the event of error at the first facsimile receiving machine.

1 9. The apparatus of claim 8, wherein the informing means comprises:

means for inputting a telephone number of a second facsimile receiving  
machine when an error occurs in said first facsimile receiving machine  
while said first facsimile receiving machine receives said facsimile  
message;

means for forming a communication line, means for exchanging protocols of  
said facsimile transmitting apparatus and of said first facsimile receiving  
machine, and means for storing a telephone number of said facsimile  
transmitting machine among said protocols received from the facsimile  
transmitting apparatus when a ring signal is input from said facsimile  
transmitting apparatus;

means for printing said facsimile message received from said transmitting  
facsimile apparatus and simultaneously checking whether an error

14 occurs or not;

15 means for detecting an error message corresponding to said error from a pre-  
16 stored error table, if an error occurs, and means for storing said error  
17 message;

18 means for detecting said telephone number of said facsimile transmitting  
19 apparatus and forming a communication line therewith, when said  
20 communication line is cut off from said facsimile transmitting apparatus  
due to said error occurrence; and

21 means for transmitting error information occurring in said facsimile message  
22 to said facsimile transmitting apparatus, when said communication line  
23 with said facsimile transmitting apparatus is formed.

24 10. The apparatus of claim 9, wherein the informing means comprises means

2 2 for including said telephone number of said second facsimile receiving machine and  
3 said error message.

1 11. The apparatus of claim 9, wherein the informing means comprises means

2 for storing in an error buffer said telephone number of said second facsimile receiving

3 machine and said error message, before said communication line with said facsimile  
4 transmitting apparatus is cut off.

1 12. The apparatus of claim 9, wherein the informing means comprises means  
2 for converting said error information into bit map data when said telephone number  
3 of said facsimile transmitting apparatus is detected and said communication line is  
formed.

1 13. The apparatus of claim 9, wherein the informing means comprises means  
2 for printing in said facsimile message said error information of said facsimile  
message.

1 14. The apparatus of claim 9, wherein the informing means comprises a look-  
2 up table including error messages respectively corresponding to at least one error that  
3 may occur in said facsimile message.